IN THE CLAIMS:

Please amend claims 1, 3, 4, 9, 11-15, 21 and 22 and cancel claim 2 without prejudice as follows:

- (Currently Amended) An apparatus for synchronizing uplink and downlink transmissions in a terminal of a mobile communication system, the apparatus comprising:
 - a receiving unit receiving and converting an RF signal;
- a processing unit recognizing a construction of uplink time slots and downlink time slots from the converted RF signal;
- a detecting unit detecting a current switching point from the converted RF signal and determining a new switching point based on the detected current switching point and the recognized construction of uplink time slots and downlink time slots;
 - a transmitting unit transmitting a data signal; and
- a switching unit switching between the receiving unit and the transmitting unit according to the new switching point,

wherein the transmitting unit transmits the data signal with a variable delay based on the new switching point.

- 2. (Canceled)
- (Currently Amended) The apparatus of claim 21, wherein the processing
 unit controls the transmitting unit to delay the transmitted data signal such that a
 transmission point of the data signal corresponds to a switching point for uplink
 transmission.
- 4. (Currently Amended) The apparatus of claim 21, wherein the transmitting unit selects a data signal to be delayed and adjusts a delay time of the signal.

- (Original) The apparatus of claim 1, wherein the switching unit performs switching at a variable time interval according to the switching point.
- (Original) The apparatus of claim 1, wherein the detecting unit controls the switching unit to switch between the receiving unit and the transmitting unit.
- (Previously presented) The apparatus of claim 1, wherein the detecting unit determines the new switching point based on an actual signal processing time of the transmitting unit.
- 8. (Original) The apparatus of claim 1, wherein the detecting unit is hardware-based.
- (Currently amended) The apparatus of claim 1, wherein the detecting unit is-a software-based.
- (Original) The apparatus of claim 1, wherein the mobile communication system is TDD-based.
- 11. (Currently amended) An apparatus for synchronizing uplink and downlink transmissions in a terminal of a mobile communication system, the apparatus comprising:
- a receiver adapted to converting a received RF downlink signal to a digital signal;
- a modem adapted to examine examining the digital signal to recognize a construction of uplink time slots and downlink time slots and to generate generating time slot construction information;
- a time slot detector adapted to examine examining the digital signal to detect a first switching point between uplink time slots and downlink time slots and to determine

a second switching point based on the detected first switching point and time slot construction information:

according to the second switching point,

an RF transmitter adapted to transmittransmitting an uplink data signal; and a TDD switch adapted to switch<u>switching</u> between the receiver and transmitter

wherein the transmitter transmits the data signal with a variable delay based on the new switching point.

- 12. (Currently amended) The apparatus of claim 11, wherein the transmitter further comprises a variable delay unit adapted to delay<u>delaying</u> the transmitted data signal such that a transmission point of the data signal corresponds to a switching point for uplink transmission.
- (Currently amended) The apparatus of claim 12, wherein the modem-is adapted-to controls the variable delay unit to delay the transmitted data signal.
- 14. (Currently amended) The apparatus of claim 12, wherein the variable delay unit is adapted to selects a data signal to be delayed and to adjusts a delay time of the selected signal.
- (Currently amended) The apparatus of claim 11, wherein the TDD switch is-adapted to switches at a variable time interval according to the second switching point.
- (Original) The apparatus of claim 11, wherein the time slot detector controls the TDD switch to switch between the receiving unit and the transmitting unit.
- (Original) The apparatus of claim 11, wherein the time slot detector determines the second switching point based on an actual signal processing time of the transmitter.

- (Original) The apparatus of claim 11, wherein the modem is a hardware modem.
- (Original) The apparatus of claim 11, wherein the modem is a software modem.
- (Original) The apparatus of claim 11, wherein the mobile communication system is TDD-based.
- 21. (Currently amended) A method for synchronizing uplink and downlink transmissions in a terminal of a mobile communication system, the method comprising the steps of:

examining a received signal to recognize a construction of uplink time slots and downlink time slots and generating time slot construction information;

examining the received signal to detect a first switching point between downlink time slots and uplink time slots;

determining a second switching point based on the detected first switching point and time slot construction information; and

switching between a receiver and a transmitter according to the second switching point; and

transmitting a data signal with a variable delay based on the second switching point.

22. (Currently amended) The method of claim 21 further comprising the step of:

delaying a-<u>the</u> transmitted data signal such that a transmission point of the data signal corresponds to a switching point for uplink transmission.

- 23. (Original) The method of claim 22, wherein the step of delaying the transmitted data signal further comprises selecting a data signal to be delayed and adjusting a delay time of the signal.
- 24. (Original) The method of claim 21, wherein the step of examining a received signal to recognize a construction of uplink time slots and downlink time slots is performed by a software modem.
- 25. (Original) The method of claim 21, wherein the step of switching between a receiver and transmitter further comprises switching at a variable time interval according to the second switching point.
- (Original) The method of claim 21, wherein the step of determining a second switching point further comprises considering an actual signal processing time of the transmitter.
- 27. (Original) The method of claim 21, wherein the step of examining a received signal to recognize a construction of uplink time slots and downlink time slots comprises counting the number of uplink and downlink time slots in the overall time slots of an uplink/downlink channel.